



राष्ट्रीय प्रौद्योगिकी संस्थान मिजोरम
NATIONAL INSTITUTE OF TECHNOLOGY MIZORAM

THE
COMPENDIUM

AUGUST
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VOLUME II, ISSUE II

Director's Message



Prof. S. Sundar
Director
NIT Mizoram

Greetings !!

This is the Second issue of the Second volume of the Institute newsletter 'THE COMPENDIUM'. It is a short collection of advancement of our students, teaching fraternity and staff during the month of August 2023.

I appreciate the Editorial team for their relentless effort in bringing out 'THE COMPNDIUM'. I congratulate faculty members and students for their publications, participation in academic events, organising academic activities and other notable achievements.

I wish all the readers a happy reading !!



Editor~ In~ Chief's Message



Dr. Shuchi
Associate Professor
Dept. of HSS (English)

Warm Greetings !!

I am pleased to bring out the Second issue of the Volume II- Institute monthly newsletter, 'THE COMPENDIUM: a synopsis of events and academic prosperity of NIT Mizoram'.

The highlights of the current issue encompass academic & outreach activities and a wide spectrum of research & development for the month of August 2023.

I express my heartfelt gratitude towards the Director, NIT Mizoram, Prof S Sundar for his encouragement and Support.

I extend my sincere thanks to the Editor, Dr. Saurav Suman for all his help and technical support.

I also thank all my colleagues (faculty & office staff) and students of NIT Mizoram for their support by sending their achievements to us.

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RESEARCH AND DEVELOPMENT

❖ WORKSHOPS/CONFERENCES/STTP/FDP/EXTRA-MURAL LECTURES CONDUCTED

✚ India's G20 Presidency: One Earth, One Family, One Future

NIT Mizoram organised an extra-mural lecture on the topic of "India's G20 Presidency: One Earth, One Family, One Future" on 07th August 2023. The speaker for the lecture was Dr. Vaishali Krishna, Assistant Professor, Dept. of Centre for Russian and Central Asian Studies, School of International Studies, JNU, New Delhi.

The poster features the NIT Mizoram logo at the top left, which includes a gear and a book. The text reads: "National Institute of Technology Mizoram", "An Institute of National Importance under Ministry of Education (Shiksha Mantralaya), Govt. of India", "Chattlang, Aizawl, Mizoram - 796012, INDIA". Below this, it says "Presents A Popular and Extramural Lecture on India's G20 Presidency: One Earth, One Family, One Future". Two circular portraits are shown: one of Dr. Vaishali Krishna on the left and one of Prof. S. Sundar on the right. The central text provides the event details: "Time: 4 PM (IST) onwards", "Date: 07th August, 2023", and "Venue: Seminar Room, Administrative Block, NIT Mizoram". At the bottom, there is a logo for "G20 भारत 2023 INDIA" and the text "IN ASSOCIATION WITH THINK INDIA, NIT MIZORAM". The background of the poster has a stylized orange and yellow mountain range.

❖ PUBLICATION (Journal/Conference/Book Chapter)

1. Alok Ranjan, Shuchi Kaparwan, Book review of "Yogesh Maitreya, "Water in a Broken Pot: A Memoir" Penguin Random House India, 2023, 312 pp", Contemporary Voice of Dalit (DOI: 10.1177/2455328X231186472)
2. Alok Ranjan, Shuchi Kaparwan, Book review of Dwaraka Bharti's "A Rebellious Cobbler" translated from Hindi into English by Dr. Amritpal Kaur", Contemporary Voice of Dalit, Accepted.
3. Subhajit Panda, Surender Ontela, SR Mishra, Thirupathi Thumma, "Mechanism Of Heat Transfer In Falkner-Skan Flow Of Buoyancy-Driven Dissipative Hybrid Nanofluid Over A Vertical Permeable Wedge With Varying Wall Temperature", Modern Physics Letters B (<https://doi.org/10.1142/S0217984923502111>)

4. Surender Ontela, Venkataramana Musala, Sameh E Ahmed, Thirupathi Thumma, "Optimization And Sensitivity Analysis On Axisymmetric Motile Microorganism Flow Of Viscoelastic Nanofluid Over A Spinning Circular Disk With A Central Composite Model", Numerical Heat Transfer, Part A: Applications (<https://doi.org/10.1080/10407782.2023.2251088>)
5. Padma Ummeda, Surender Ontela, "Mixed Convective Thermally Radiative Viscoelastic Hybrid Nanofluid Flow In A Vertical Channel: Entropy Generation Analysis", Modern Physics Letters B (<https://doi.org/10.1142/S0217984923502640>)
6. Thirupathi Thumma, Devarsu Radha Pyari, Surender Ontela, Qasem M Al-Mdallal, Fahd Jarad, "Heat Transfer Analysis Of Magnetized Cu-Ag-H₂O Hybrid Nanofluid Radiative Flow Over A Spinning Disk When The Exponential Heat Source And Hall Current Are Substantial: Optimization And Sensitivity Analysis", Case Studies in Thermal Engineering (<https://doi.org/10.1016/j.csite.2023.103448>)
7. Subhajit Panda, Thirupathi Thumma, Surender Ontela, SR Mishra, PK Pattnaik, "A Numerical Study On Model-Based Comparative Analysis For MHD Magnetite (Fe₃O₄) And Cobalt Ferrite (CoFe₂O₄) Flow Past A Heated Shrinking Riga Surface With Radiative Heat Flux", Journal of Magnetism and Magnetic Materials (<https://doi.org/10.1016/j.jmmm.2023.171212>)
8. Subhajit Panda, Surender Ontela, SR Mishra, Thirupathi Thumma, "Effect Of Arrhenius Activation Energy On Two-Phase Nanofluid Flow And Heat Transport Inside A Circular Segment With Convective Boundary Conditions: Optimization And Sensitivity Analysis", International Journal of Modern Physics B (<https://doi.org/10.1142/S0217979224503429>)

FACULTY AWARDS & ACHIEVEMENTS

1. EXPERT/INVITED TALK /SESSION CHAIRED IN WORKSHOP/STTP/CONFERENCE:

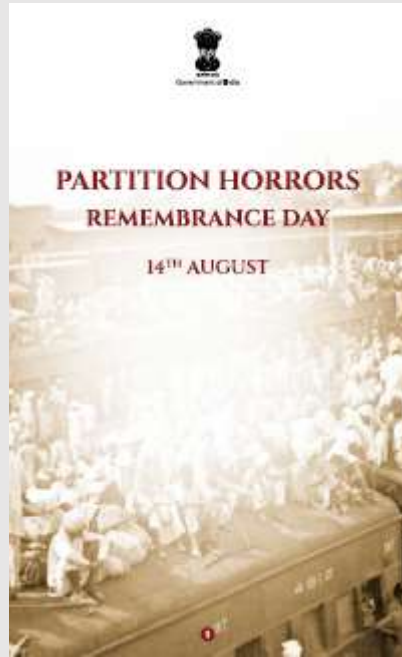
1. Prof. Saibal Chatterjee delivered a talk on Addressing the concerns in Development Disparity- the barriers and enablers, considering at IEEE Smart Village South Asia Working Group (ISV SAWG) organised the first global conference at Bhubaneswar on 11th August 2023.
2. Prof Saibal Chatterjee has been invited as an external expert for the UGC-Guest Faculty Recruitment in the Department of Electrical Engineering, Mizoram University on 7th August and 21st August 2023.

❖ DAYS CELEBRATED

PARTITION HORRORS REMEMBRANCE DAY-14 AUGUST

NIT Mizoram observed the Partition Horrors Remembrance Day on 14th August 2023, adhering to the Ministry guidelines with an exhibition and an expert lecture at the

academic Block-8. Students actively participated in an expert lecture given by Dr Premjit, Department of History, Mizoram University.



❖ RESEARCH OUTLOOK @ NIT MIZORAM



Alok Ranjan, a dedicated Full-time Research Scholar within the esteemed Department of Humanities and Social Sciences, is making significant strides in academia. His expertise lies in the specialised domain of Dalit Literature and Studies, mainly focusing on Dalit biographies and fiction. In contemporary times, autobiographies, biographies, and memoirs have gained remarkable popularity among readers, offering invaluable insights into various human experiences. Alok's research endeavours are steadfastly directed towards comprehending the struggles, sufferings, and scarcities endured by the Dalit community. Through meticulously examining autobiographies, biographies, memoirs, and novels, he endeavours to illuminate the disparities between narratives and real-life experiences of Dalits. Alok Ranjan's proposed research is poised to make a meaningful contribution, unravelling the genuineness of Dalit suffering and shedding light on this marginalised community's uncharted plights.

Northeast Y20 Conclave
25-28th August,2023
Silchar,Assam

The North East Y20 Conclave, a pioneering mega event aimed at fostering youth empowerment and regional cooperation in the North Eastern states of India was held in NIT Silchar from 25th-28th August 2023. The conclave was jointly organized by National Institute of Technology, Silchar and Assam University and Co-Organized by NIT Agartala, NIT Arunachal Pradesh , NIT Manipur, NIT Mizoram, NIT Nagaland , NERIST Arunachal Pradesh and CIT Kokrajhar in association with Organizing Partner Think India. The Conclave was supported by the DONER Ministry and Research & Infrastructure System for Developing Countries (RIS) New Delhi. Besides some other agencies like SBI, IOCL< SBI Mutual Fund and others also sponsored the event.





Delegates from NIT Mizoram with **Sumit Pandey** (Think India National Incharge)





B.Tech students at the exhibition



Faculty of NIT Mizoram at the Exhibition





Students attending the lecture



संरक्षेद्दृषितो न स्याल्लोकः मानवजीवनम्।
TO SAFEGUARD OUR OWN LIVES, LET'S NOT POLLUTE THE WORLD
